

PANJAB UNIVERSITY
DR. HARVANSI SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL
SECTOR-25, CHANDIGARH
Ph: 0172-2534686, 87, 89. E-mail: directordental@pu.ac.in

Phone No.0172-2534686, 2536189

Fax: 0172-2724912

E-mail : directordental@pu.ac.in

No.....

Date.....

TENDER DOCUMENT FOR THE PURCHASE OF DENTAL EQUIPMENT, AIR CONDITIONERS



Last date for issue of Tender document	10.10.2016 up to 4.00 p.m.
Due date and time for submission of Tender	11.10 2016up to 1:00 p.m.
Pre bid meeting Venue : Committee Room of the Institute	05.10.2016 at 11:00 a.m.
Date & Time of opening of Technical bid	11.10 2016 up at 2.30 p.m.
Date & Time of opening of Financial bid	To be notified later

Tender fee Rs.500/-

PANJAB UNIVERSITY
DR. HARVANSI SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL
SOUTH CAMPUS, SECTOR-25, CHANDIGARH
E-mail: directordental@pu.ac.in

No...../IDS

Date

IMPORTANT NOTE

1. This Tender document, specifications along with terms & conditions may be obtained from the office of the Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh (by submitting demand draft of Rs. 500/- payable at Chandigarh, in favor of Registrar, Panjab University, Chandigarh).
2. Tender fee of Rs. 500/- is to be submitted along with the Tender if it is downloaded from website of the Institute (www.puchd.ac.in).

This Tender form is placed to M/s.....at the cost of Rs.500/-.

From

The Principal-cum-Professor,
Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital,
Sector-25, South Campus,
Panjab University, Chandigarh-160014.

The Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Punjab University, Chandigarh, has invited sealed tender as per following ANNEXURE and Items to be procured.

S.N.	Name of Annexure/Items	Annexure	Detailed specifications (Page No.)
1.	Undertaking from the supplier on Non-Judicial stamp paper worth Rs. 30/- duly attested by Notary.	Annexure-A	10
2.	Performance Bond (Bank Guarantee)	Annexure-B	11
3.	TECHNICAL SPECIFICATIONS OF THE ITEMS		
4.	Dental Equipment	Annexure C	15-18
5.	(ii) Surgical Items/ Instruments	Annexure C-1	19-19
6.	(iii) Air Conditioners	Annexure C-2	20-20

3. Technical bid shall be opened at 2.30 p.m. on 11.10.2016. The date and time for opening of the financial bids shall be intimated later after evaluation of the technical bid. In case, date of opening falls on day which is declared public holiday, the bids shall be opened on the following day at the same time.

4. Tender must reach at the address given above in due date & time. The latest hour and date of receipt is up to 1.00 p.m. on 11.10.2016. The Institute will not be responsible for any type of delay, in submission of Tender.
5. Tenders are to be submitted as a three stage procedure i.e. EMD, Technical bid & Financial bid.
All these three i.e. EMD, Technical bid and financial bid shall be sealed in 3 different envelopes viz. envelope A,B & C respectively. All these 3 envelopes should be marked as below :-

Envelope A-EMD

Envelope B-Technical bid

Envelope C- Financial bid

All these 3 envelopes should also be super-scribed as 'Tender for Dental equipment due on 1.00 P.M. on 11.10.2016. The name and address of the tenderer should also be mentioned on each envelope. All these 3 sealed envelopes should then be put in a bigger envelope which should be sealed and super scribed 'Tender for Dental Equipment due on 1.00 P.M. on 11.10.2016, Name of the company and address should be written on this bigger envelope and this should be addressed to the Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, South Campus, Sector-25, Panjab University, Chandigarh.

5-A ENVELOPE A (EMD)

The contents of envelope–A should include following items

1. EMD in accordance with instructions given below.
2. Undertaking on non-judicial stamp paper of Rs. 30/- (Annexure-A)
3. The tender form as procured, duly signed & stamped on each page.
4. Other important points w.r.t. Earnest Money Deposit are :-

i) EARNEST MONEY DEPOSIT

Rs. 5,000.00 up to 1 Lac approx value of bid

Rs. 50,000.00 up to 25 Lac approx value of bid

Rs.1,00,000.00 up to 50 Lac approx value of bid

Rs.1,50,000.00 for bids of value above 50 lacs.

- ii) The Earnest Money should be in the form of a scheduled bank/term deposit receipt valid for one year in the name of Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Panjab University, Sector-25, Chandigarh. Earnest Money in any other form will not be accepted.
- iii) Bids not accompanied by Earnest Money as stated above or less than the amount stipulated above shall be summarily rejected.
- iv) Earnest money/ security deposit/any other sums of the tenderers lying with the Institute in connection with any other tender/case will not be considered against this tender.

- v) The EMD shall be returned after completion of tender process to the unsuccessful firms. To the successful firms EMD shall be returned after receiving the 10% Bank Guarantee of the FOB value which has to be deposited within 30 days after placing the supply order to the successful firms.

5-B ENVELOPE B (TECHNICAL BID) (To be submitted in duplicate)

The contents of envelope –B should include following items

1. Covering letter indicating the list of enclosures.
2. Name and detailed specifications of the quoted Equipment with Price Blanked
3. Name and detailed specifications of essential accessories if any with price Blanked
4. Name and detailed specifications of optional accessories if any with price Blanked
5. Name and detailed specifications of the alternative Equipment with price Blanked
6. Warranty Offered.....Year/s (Minimum for Two Years)
7. Statement of deviation, parameter wise, from tendered technical conditions,/ specifications if any.
8. Copy of Income tax clearance certificate, latest PAN/TAN, copy of VAT registration/Service Tax registration, Registration Certificate.
9. Authorization from the manufacturer/principal/company of being the authorized distributor/dealer/agent/stockiest.
10. User List.
11. Name and address of nearest authorized service centre.
12. Catalogue of the equipment showing the make/model no and specifications in original.
13. Last three years turnover of the firm in the concerned business duly certified by a Chartered Accountant.
14. Information regarding other contracts entered/supplied made, into/to semi Govt. or Govt. institutions, of the same nature, during last 3 years may also be provided

The Detailed Technical Specifications Are Given In Annexure-C.

Other important points w.r.t. Technical bid are:-

- i) All pages of the Technical Bid shall be numbered and signed.
- ii) The items for which the Tenderer wishes to quote, should be quoted section wise as per Annexure-C in the same sequence i.e. (Annexure-C,C-I and C-2).
- iii) The tenderer shall give a list of Hospitals/Institutes in India where their equipment has been installed vide point 10 above. The Institute reserves the right to inspect such establishments and see actual performance of such equipment.
- iv) The Institute may also ask for demonstration of the equipment in the Institute at the time of technical evaluation, which then shall be mandatory to be considered for technical evaluation by the Committee.
- v) A person signing the tender form or any other document forming part of the contract on behalf of another shall be deemed to warranty that he has authority to bind such others and if on enquiry it appears that the person so signing had no authority to do so, the purchaser, may, without prejudice to other civil and criminal remedies against the contract, hold the signatory liable for all costs and damages and forfeit the Earnest Money.
- vi) Rates and Service charges should not be quoted in the Technical bid.
- vii) Tenders not accompanied by detailed information as required, are liable to be rejected.
- viii) It is specifically required that the tenderer whose items should be selected finally will supply all the operations and service manuals along with blue-prints and drawings including circuit diagrams of the equipment supplied as well as its components.

5-C ENVELOPE-C (FINANCIAL BID) (to be submitted in duplicate)

The contents of envelope-C should include following items :-

1. Covering letter
2. Name and detailed specifications of the quoted Equipment with Price indicated
3. Name and detailed specifications of essential accessories if any with price indicated
4. Name and detailed specifications of optional accessories if any with price indicated
5. Name and detailed specifications of the alternative Equipment with price indicated.
6. Service Contract.

The rates of the service contract after warranty period (two years) for both AMC and CAMC must be indicated strictly as below:

	AMC	CMC
Rate for 1st year	Rs. _____	Rs. _____ }
Rate for 2nd year	Rs. _____	Rs. _____ }
Rate for 3rd year	Rs. _____	Rs. _____ }
Rate for 4th year	Rs. _____	Rs. _____ }
Rate for 5th year	Rs. _____	Rs. _____ }

Other important points w. r. t. Financial bid are:-

- i) All pages in the financial bid shall be numbered and signed.
- ii) The items for which the Tenderer wishes to quote, should be quoted section wise.
- iii) The words, 'Not quoting' should be clearly written against any item of equipment for which the tenderer is not quoting.
- iv) Price should be quoted in Indian Rupee only.
- v) The rates and units shall not be overwritten. The tender offer should be typed or written in ink. Offers in pencil will be rejected.
- vi) The rates per unit including installation charges and other accessories required as per tender/specification should be mentioned.
- vii) All type of taxes to be charged should be mentioned specifically otherwise the amount mentioned in the bid will be treated as inclusive of all taxes.
- viii) Tenderer must quote only one rate for each item/make/model. These rates should be FOR destination.
- ix) Where more than one unit of any equipment is required/ offered, the rate should be quoted for each unit. The rates quoted in ambiguous terms will render the tender liable to rejection.
- x) CMC has to be for all parts. The CAMC may also include consumable and reagents. Any conditional offer may render the tender invalid.
- xi) The charges for the service contract will be paid in 4 equal installments in arrears for satisfactory service or as per mutually agreed upon schedule.

6. GENERAL TERMS & CONDITIONS

- I). EMD will be released to unsuccessful bidder(s) after finalization of tender.
- II) Tenderer will have to demonstrate the quoted item, if required, to Technical Evaluation committee within the stipulated time frame as and when asked for or as has been mentioned in the tender. The bid of the tenderer shall be liable to be cancelled on non-compliance of this clause.
- III) The company will get only one chance for demonstration. In case the company fails to arrange the demonstration the tender shall be liable to be cancelled.
- IV) In case demonstration of the equipment is required, the same has to be arranged at Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Panjab University, Sector-25, Chandigarh.

- V) Only the item/s of manufacturers or their authorized distributor/dealer/agent would be considered.
- VI) Tenderer must provide the telephone and fax no with tender for all correspondence.
- VII) The equipment should be guaranteed/warranted for a minimum period of two years or as mentioned in specifications from the date of satisfactory installation and inspection.
- VIII) Delivery schedule: - Within 4 weeks after placement of supply order, failing which the supply order shall be deemed cancelled unless waived off by Principal-cum-Professor.
- IX) Firm should undertake to enter into Annual Maintenance Contract (AMC/CMC) for equipment as well as for accessories attached, for minimum period of five years after completion of guarantee/ warranty period and accordingly quote the rates of AMC for five years. The rates quoted should be both for Comprehensive AMC (CMC) as well Non Comprehensive AMC (AMC) for five years. Firm should undertake to keep the equipment in running order throughout the year and in case of equipment going out of order the fault will be attended within 48 hours of lodging the complaint.
- X) The Principal-cum-Professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Panjab University, Sector-25, Chandigarh has the right to accept or reject any or all the tenders without assigning any reason(s) thereof.
- XI) The Tenderer is required to submit undertaking as per the Performa enclosed on a non-judicial stamp paper of Rs. 30/- (**Annexure-A**) and is to be put in envelope-A.
- XII) Clarification of bidding documents:
- A prospective bidder requiring any clarification of the tender document may notify the purchaser in writing at the purchaser's mailing address indicated in the invitation for tender. The purchaser will respond in writing to any request for clarification of the bidding documents which it receives not later than **15 (Fifteen)** days prior to the deadline for submission of bids prescribed by the purchaser. Purchaser's response including an explanation to the query but without identifying the source of inquiry shall be put on University website.
- XIII) Amendment of bidding documents:
- (a) At any time prior to the deadline for submission of bids, the purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.
- (b) The amendment will be notified on the University website and will be binding on all prospective bidders.
- (c) In order to afford prospective bidders reasonable time in which to take the amendment into account in preparing their bid, the purchaser may, at its discretion, extend the deadline for the submission of bids.
- XIV) Any effort by a bidder to influence the purchaser in the purchaser's bid evaluation, bid comparison or contract award decisions shall result in the rejection of the bidder's bid and also banning of future business dealings with the bidder.
- XV) This tender form is not transferable.
- XVI) This tender form consists of pages 1 to 18. This tender form along with other Annexures (unfilled) duly signed by the Tenderer should be returned to the institute along with the EMD, in envelope-A.

XVII) Offers not on the prescribed form shall not be considered.

XVIII) If the firm fails to supply the order in due time, the firms will be blacklisted and E M D will be forfeited.

XIX) Performance Bank Guarantee:-

- a) The successful tenderer shall be required to furnish a Contract Performance Guarantee Bond in the shape of Bank Guarantee as per (**Annexure-B**) or FDR/TDR (pledged in favor of the Principal cum professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh for an amount equivalent to 10% of the FOB value, of equipment towards the execution of the agreement and the warranty. The term equipment, wherever used, means the main equipment and the electrical, civil and any other miscellaneous work done in the turnkey project. The Bank Guarantee or FDR/TDR should be valid for 30 months.
- b) The supplier shall ensure submission of duly executed agreement (**Annexure-B**) desired performance Bank Guarantee within 30 days of issue of purchase order failing which and without prejudice to its remedy under the contract, the purchase order shall stand cancelled except when specific extension is given by the Principal-cum- Professor of the Institute in this regard, only on request from the supplier within 30 days of the issue of purchase order, citing valid reasons for seeking an extension which shall, in any case be given for a maximum of 30 days .If Agreement/ PBG is not supplied within the stipulated period, the order is liable to be cancelled the EMD shall be forfeited, and the firm shall be blacklisted.
- c) If the supplier fails to deliver any or all of the goods or perform the service within the time periods specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated demurrages, a sum equivalent to **0.5%** of the contract price for each week of delay or part thereof until actual delivery or performance, up to a maximum deduction of ten percent (10%) of the contract price. Once the maximum is reached, the purchaser may consider termination of the contract as the case may be of the equipment including components, spares, accessories and optional items and civil, electrical and any other miscellaneous work undertaken. The suppliers will inform the purchaser in writing intimating the reasons for delay in supplying and for installing the equipment. The purchaser in his sole discretion may consider a reduction/waiver of the penalty for a period to be stipulated in writing. The acceptance of the equipment will be based on demonstration of the satisfactory working of all models of the equipment as tested by the Institute. The material/ equipment etc. required for demonstration of satisfactory functioning of the equipment shall be arranged by the suppliers. In case of non-satisfactory functioning the order shall be cancelled and the firm shall be blacklisted.

XX) **Period for which the offer shall remain open:**

The tendering firms should keep their offers valid for acceptance for a period of 365 days from the date of opening of the technical bids. If the firms are unable to keep their offers open for the above said period, they should specifically state the period for which their offers would remain open but they must realise that such a provision may result in the rejection of their offer.

XXI) Custom clearance

The equipment requiring import from abroad will be imported under the OGL scheme, for which the tenderer will ensure before filling up the tender form, that the equipment, in question, can be imported under the said scheme.

- a) The equipment will be got cleared from the Custom by the tenderer at their own cost.

- b) It will be the responsibility of the tenderer to pursue any claims with the custom authorities / Insurance company/ cargo operators and transporters, as may arise, at any stage.
- c) The N.M.I.C. (Not Manufactured in India Certificate) and the CDEC (Custom Duty Exemption Certificate) will be provided by the Institute/University.

XXII) The Principal-cum-Professor can increase or decrease the quantity to be purchased at any time and the tenderer whose item has been finally selected after due process shall supply the quantity so ordered at the same rate as mentioned by them in the tender.

XXIII) Contract:

The purchaser will not be responsible for any postal delay or any other cause that may lead to delay in the receipt of the documents in this office beyond the stipulated date and time stated in the tender documents.

XXIV) Arbitration:

If at any time, any question, dispute or difference whatever shall arise between two parties upon or in relation to or in connection with this Agreement, either of the parties may give to the other, notice in writing of the existence of such question, dispute or difference and the same shall be referred to two Arbitrators one to be nominated by the First Party and the other to be nominated by the Second Party. Such a notice of the existence of any question dispute or difference in connection with this Agreement shall be served by either party within one year of the beginning of such dispute failing which all rights and claims under this Agreement shall be deemed to have been forfeited and absolutely barred. Before proceeding with the reference the Arbitrators shall appoint/nominate an umpire. In the event of the Arbitrators not agreeing in their award, the Umpire appointed by them shall enter upon the reference and his award shall be binding on the parties. The venue of the arbitration shall be at Chandigarh (India). The Arbitrators/Umpire shall give a reasoned award.

The provision of the Indian Arbitration Act in force and of rules framed there under and any statutory modifications thereof shall be deemed to apply and be incorporated in this Agreement.

Upon every or any such reference, the cost of any incidentals to the reference and award(s) respectively shall be at the discretion of the Arbitrators or in the event of their not agreeing, of the Umpire appointed by them who may determine the amount thereof or direct the same to be fixed as between solicitors and client or as between parties and shall direct by whom and in what manner the same shall be borne and paid.

XXV) Jurisdiction:

The courts at Chandigarh alone will have the jurisdiction to try any matter, dispute or reference between the parties arising out of this Agreement/contract. It is specifically agreed that no court outside and other than Chandigarh court shall have jurisdiction in the matter.

XXVI) The Institute, in case of requirement may also place repeat purchase order on the selected supplier. In such cases, the supplier shall accept and adjudicate all the purchase order placed on them. The purchaser may raise separate/multiple purchase order for items as and when required till the validity of tender.

XXVII) If the Technical/purchase Committee feels that the items or quantity mentioned is to be modified or withdrawn at any time, it may recommend the same.

XXVIII) Pre bid Conference

Pre bid meeting shall be held on 05.10.2016 at 11:00 a.m. in the Committee room of the Principal-cum-Professor of the Dental Institute.

XXIX) Opening of tender

- (a) The technical bids shall be opened at 2:30 p.m. on 11.10.2016. The date of opening of the Financial bid shall be notified later. The tenderer is at liberty to be present, in person or through his authorized representative, at the opening of the Technical bid at the time and date as specified in the tender notice. The name and address of the representative who would be attending the opening of the tender on tenderer's behalf should be indicated in statement to be furnished along with the technical bids. The representative should carry due authorization from the tenderer. Institute in its discretion may not allow any representative, who does not carry authorization for being present in bid opening. In the event of the day of receipt and opening of tender being a holiday for Panjab University, then due date of receipt/opening of the tender will be the following working day at the same hour.
- (b) The date and time of opening of the Financial bids shall be intimated in due course.

The Tender document contain 18 pages.

ANNEXURE-A

Undertaking from the supplier on Non-Judicial stamp paper worth Rs. 30/- duly attested by Notary.

(To be put in envelope-A)

1. I,..... (Name of authorized signatory) the undersigned hereby declare and affirm that I have gone through the terms and conditions governing the tender and fulfill all the terms & conditions. Further I also undertake to comply with all terms and conditions mentioned in the tender document.
2. That the rates quoted by me are valid and binding upon me for the period validity of tender.
3. The rates quoted are not higher than quoted for any other govt. Institution/hospital in India.
4. That the earnest money of Rs. _____ deposited by me vide Bank term deposit receipt No. ____ Dt. ____ drawn on _____ (Name of the Bank) is attached herewith.
5. That I/We authorize the Principal cum professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh to forfeit the earnest money deposited by me/us if any delay or failure to supply the article within the stipulated time and the items of desired/quoted quality and quantity.
6. That I will be in the position to provide Annual Maintenance Contract/Comprehensive Maintenance Contract (AMC/CAMC), spare parts, accessories attached and its consumables for 5 years from the date of satisfactory installation of the equipment till the AMC/CAMC period is over.
7. That there is no vigilance/CBI case or court case pending against the firm, debarring my firm to supply of items quoted.
8. That I hereby undertake to supply the items as per directions given in supply order within stipulated period.
9. That I undertake to maintain the equipment to the satisfaction of user during the period of warranty and guarantee and AMC/CAMC awarded to me.
10. I have been informed that the Principal cum professor, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh has the right to accept or reject any or all the tenders without assigning any reason thereof.
11. We (Name of firm) undertake that we will provide a minimum of 4 (four) preventive service on quarterly basis during the warranty and AMC/CAMC period as offered in our tender and any no. of break down calls shall also be attended within 48 hours. I also agree that the payment of AMC/CAMC shall be made to me on quarterly basis after satisfactory preventive service.
12. The contract of AMC & CAMC if given to us shall be bound by terms and conditions mentioned at the time by the Purchaser.
13. The firm was never black listed by any Government authority established by law.
14. This is to state that we have fully trained technical staff for installation/commissioning of the equipment and efficient after sales service.
15. That we have quoted for items from the following companies and undertake that we are the manufacturer or their authorized distributor/dealer/agent/stockiest (tick one) and have the authority from the company to sell these goods in India.
16. List of Companies

Signature and address of the Tenderer

ANNEXURE - 'B'

(To be returned within 30 days of issue of Supply Order)

PERFORMANCE BOND (BANK GUARANTEE)

In consideration for The Principal-cum-Professor, Dr. Harvansh Singh. Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh (*hereinafter called the purchaser*) having agreed to release the 100% payment of net F.O.B. price as per terms and conditions of a concluded Contract No _____ dated _____ (*hereinafter called 'the contract'*) for supply of _____ (*hereinafter called the goods and services*) to Messrs _____ (*hereinafter called 'the supplier'*) on submission of a Bank Guarantee and installation and inspection of the goods and services as per above mentioned contract to the satisfaction of the purchaser for the due performance of the said contract.

We, _____ (*hereinafter called 'the Bank'*) at the request of the supplier do, as a primary obliger and not merely as surety, hereby irrevocably, unconditionally and absolutely undertake against any loss or damage caused or suffered by the purchaser by reason of any failure of the supplier to perform or omission or negligence to perform any part of its obligations to the satisfaction of the purchaser in terms of the contract.

We, the Bank, do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the purchaser by reason of any breach by the said supplier of any of the terms and conditions contained in the said contract or by reason of the supplier's failure or omission or negligence to perform the said contract or any part thereof. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this guarantee, which shall not be considered as satisfied by any intermediate payment or satisfaction of any part of or obligation hereunder. However, our liability under this Guarantee shall be restricted to an amount not exceeding _____.

We, the Bank, undertake to pay to the purchaser any amount so demanded by the purchaser, notwithstanding,

- a) any dispute or difference between the purchaser and the supplier or any other person or between the supplier or any person or any suit or proceeding pending before any court or tribunal or arbitrator relating thereto or
- b) the invalidity, irregularity or unenforceability of the contract or
- c) any other circumstances which might otherwise constitute discharge of this guarantee, including any act or omission or commission on the part of the purchaser to enforce the obligations by the supplier or any other person for any reason whatsoever.

We, the Bank, further agree that the Guarantee herein contained shall be continued one and remain in full force and effect during the period that would be taken for the performance of the said contract and that it shall continue to be enforceable till all the dues of the purchaser under or by virtue of the said contract have been fully paid and its claims satisfied or discharged or till the office of The Principal-cum-Professor, Dr. Harvansh Singh. Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh, certifies that the terms and conditions of the said contract have been fully and promptly carried out by the said supplier and accordingly discharges this Guarantee.

We, the Bank, hereby agree and undertake that any claim which the Bank may have against the supplier shall be subject to and subordinate to the prior payment and performance in full of all the obligations of the bank hereunder and the bank will not, without prior written consent of the purchaser, exercise any legal rights or remedies of any kind in respect of any such payment or performance so long as the obligations of the bank hereunder remain owing and outstanding, regardless of the insolvency, liquidation or bankruptcy of the supplier or otherwise howsoever. We, the Bank, will not counter claim or set off against its liabilities to the purchaser hereunder any sum outstanding to the credit of the purchaser with it.

We, the Bank, further agree with the purchaser that the purchaser shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by the said supplier from time to time or to postpone for any time or from time to time and of the powers exercisable by the purchaser against the said supplier and forbear or enforce any of the terms and conditions relating to the said contract and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said supplier or for any forbearance, act or omission on the part of the purchaser or any indulgence by the purchaser to the said supplier or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This guarantee will not be discharged due to the change in the constitution of the Bank or the supplier.

We, the Bank, lastly undertakes not to revoke this Guarantee during its currency except with the previous consent of the purchaser in writing.

The disputes relating to this Bank Guarantee shall be resolved as per the terms and conditions of the contract.

Signature and seal of the bank

Place

Date

ANNEXURE –C, TECHNICAL SPECIFICATIONS

C – Equipments

Sr. No.	Item Name	Specification	Qty. required
1.	Ultrasonic Scalers	<ul style="list-style-type: none">• Piezoelectric ultrasonic scaler• Detachable and autoclavable hand piece with LED of 1,00000 lux and upwards• Autoclavable titanium tips with individual autoclavable torque tool for tightening of the tips. (minimum of four types)• Automatic ultrasonic frequency of 25-40 KHz.• Bar water pressure of 1-5 bars• Hand-piece cord of minimum 2000 mm.• Inbuilt feedback control system with electronics for controlled amplitude of tip vibrations.• Real time power adjustment• Automatic regulation system of frequency, power and amplitude.• Manufacturer should have cGMP certified facilities.• Shall meet safety standards as per EN ISO 13485 quality system standard compliance.• Product should have international quality approval of CE (European conformity)/FDA• Unit should have inbuilt irrigation storage system.	15
2.	Autoclave	<ul style="list-style-type: none">• Capacity of atleast 22 litres• It should be CE certified.• Should confirm to the B Class European standards EN-13060 having 3 pulsating vacuum suitable for different loads for wrap, unwrap, solid, porous, hollow instrument.• It should comply to Bowie and Dick test and vacuum test programmes.• Alarm system for waste water tank, avoid the waste water to enter to the sterilizing circulation, make the sterilization safe procedure.• Should have the digital display with self test error detection system.• Double lock door facility for safety during operation.• Integrated printer for recording sterilization cycle.• Should have supplied with in sealing machine made of S.S. with 10 mm wide seal for sealing of instrument pouches & integrated cutter.• Should be supplied with 5 rolls of sterilization pouches of 200 mtrs each with 75x100 mm width.• Should be supplied with a water distilling equipment.	02
3.	Digital Sensor (RVG) with CPU& LED/LED Monitor	Should be able to provide High Definition Radiography with High Quality Image Capture Direct Connectivity to USB Fast Image capture time Always ready (No waiting time) Image display to be immediate (min. timer for Acquisition)	03

		<ul style="list-style-type: none"> • External dimensions (mm) Approx 37x24 • Sensor technology Enhanced CMOS • Scintillation technology Scintillation • Pixel size 19.5µm • Pixels matrix 1539x1026 • No. of Pixels 1.6 Mega Pixel • Maximum spatial resolution 22.1p/mm Visible • Sensor cable length At least 3 meters (10 feet) or wireless <p>Extended warranty required and provision of AMC</p> <p>Minimum Processor Configuration required for RVG</p> <ul style="list-style-type: none"> • Operative system window 7 • Processor : Intel R Core i3,i5 • RAM;4GB RAM • Hard disk: 500GB-1TB • USB Ports: Eight Hi-speed USB 2.0 Ports, 2 :Super-Speed USB 3.0 Ports • Graphic card: min 1 GB RAM • USB: chipset Intel ® H Express Chipset • Screen resolution: min 1024x768 till max 	
4.	Stereo Microscope	<ul style="list-style-type: none"> • A long work distance upto 100mm and a ultra flat field of view with upper wide field eyepieces 10x • Magnification range for observation with standard 10x eyepieces 6.5x45x parfocal optical system • LED lamp (for reflected light) and fluorescent lamp (for transmitted light) • Interpupillary distance adjustment • Left right interlocked adjustment range: 52 to 76 mm • Beam path: 100% visual • Maximum resolution: 170Lp/mm • Mounting diameter: 76 mm • Focusing stroke: 120mm • Three dimensional images with more than 1:7 Zoom range • External touch panel to control functions of magnification, focus, contrast and brightness • Software to measure and document samples reproducibly • CE(European conformity) marking or FDA compliance • Procurement subject to demonstration of equipment 	01
	Apex locators	<ul style="list-style-type: none"> • Higher than 4th generation • Preferably Ratio based • Accurate measurement • No zero adjustment • Automatic calibration • Large colour LCD display • Should have international quality certification –CE certification (European Conformity) / FDA approval 	

		<ul style="list-style-type: none">Dentsply/ Sybron/ Morita/equivalent					
4.		<ul style="list-style-type: none">					
5.	TYPODONT WITH FULL TEETH SET	A) ORTHODONTIC TYPODONT ARTICULATORS (06) SPECIFICATIONS: Should be compact and with fully functional movements having provision for fitting mental/ acrylic teeth and wax forms in different Mal- Occlusions for Orthodontics Training. B) ORTHODONTIC TYPODONT METAL TEETH [06 SETS OF (28 Nos) EACH] SPECIFICATIONS: teeth must be well casted and well furnished to simulate the normal anatomy of human dentition with roots with provision for banding and / or bonding various orthodontic brackets/ molar tubes or other attachments. C) ORTHODONTIC TYPODONT ACRYLIC/ PLASTIC TEETH [06 SETS OF (28 Nos) each] SPECIFICATION: teeth must be well carved and well furnished to simulate the normal anatomy of human Dentition with provision for banding and/ or bonding various Orthodontic Bracket/ Molar Tubes or other attachments.	02				
6.	Digital camera SLR	<ul style="list-style-type: none">Mid Size Digital SLRMinimum 14 MPManual Focus option18-135mm lensCMOS sensorFull HD (1080)3” LCD with VariangleMinimum 4 GB SD CardCompatible Macro Lens for 1:1Magnification ratio.Compatible Ring Flash LEDCarry case i) Cannon EOS 600D or equivalent	06				
7.	Ultrasonic Cleaner	<ul style="list-style-type: none">Should be stainless steel tanks enclosed in a durable aluminium housing, water resistant construction.Should have a heater on/off switchPower balanced circuitaryApprox. 60 min countdown timerReady start-up for instant cleaning power-internal thermal cut-offTank capacity>10L (with drainage)Adjustable digital timer and heater (20-80 C)Should be supplied with 10 boxes of concentrated ultrasonic cleaning solutionTechnical Specification : <table><tr><td>Model</td><td>(Digital Timer & Heater)</td></tr><tr><td>Ultrasonic power</td><td>360W</td></tr></table>	Model	(Digital Timer & Heater)	Ultrasonic power	360W	01
Model	(Digital Timer & Heater)						
Ultrasonic power	360W						

		Heating power	300W		
		Frequency	40,000Hz		
8.	Model Trimmers	MODEL TRIMMER WITH CARBORANDUM DISC <ul style="list-style-type: none"> • Heavy-duty wet model trimmer with reversible grinding wheel • 12” diameter and ¼” thick grinding wheel • ½ to 1 HP motor, with 1.25 service factor • Motor should be UL recognized and CSA certified for electrical safety • Adjustable work table – Full radium water spray • Valve for regulating the water flow • Supplied with water tubing • 1-2” Water exhaust hose • Revolution : approx 2500 RPM B. MODEL TRIMMER WITH DIAMOND DISC <ul style="list-style-type: none"> • Wet model trimmer with automatic water supply system • Valve for regulating the water flow • 12” diamond disc • Enclosed heavy duty motor, 1 horse power • Motor should be UL recognized and CSA certified for electrical safety • Revolution : approx 2000-3000 RPM 			01
9.	Polishing Lathe	<ul style="list-style-type: none"> • 4”-6” shaft height to allow use of larger diameter buffing wheels • Supplied with a suction box with light, connected to a dust collector for dust free operations • 2 wheel spindle cones • Variable rotational speed : 1000-3000 RPM 			02
10.	Variable Intensity VLC Units	<ul style="list-style-type: none"> • Battery-operated LED • Light intensity of More than 1,000mW/cm² • At least three variable intensities • Rotatable light probe 			02
11.	Endosonic Headpiece	Endosonic Headpiece <ul style="list-style-type: none"> • Endosonic irrigation and preparation device • Adjustable oscillation movements Should be available with instruments of different diameters for coronal flaring and Apical shaping • Easy to handle and portable 12 assorted packs of instruments or 12 packs of individual sizes to be provided along with the handpiece. 			02
12.	Pressurized Local Anesthesia	<ul style="list-style-type: none"> • Fully autoclavable • Removable headpiece with angled threaded nozzle for the injection needle • Viewing chamber with safety sleeve for carpule cartridge • Lever with optimal support for index finger. 			01

13.	Non Arcon type Semi adjustable Articulator with earpiece facebow	<ul style="list-style-type: none"> • Light wt. & robust articulator of standard make, providing perfect handling. • Enclosed track condylar guidance with fixed centric stop. • Intercondylar width fixed at 110 mm • lateral adjustment for 0° -30° and protrusive adjustment for -20° to 0° to 60° • Progressive side shift • Should have adjustable incisal guide table, incisal pin and extension rod. • Should have Orbitale indicator. • Should have Auditory pins mounted on central locking mechanism to secure ear piece face bow to articulator . • Additional pair of metal mounting plates • Mounting platform to help stabilize the bite fork during mounting of maxillary cast. • Should be supplied with a technique manual/CD and instrument case/bag. • CE(European conformity) marking or FDA compliance 	1.
14.	Arcon type semiadjustable Articulator with earpiece Facebow	<ul style="list-style-type: none"> • Light wt. & robust articulator of standard make, providing perfect handling. • Intercondylar width adjustable or fixed at 110 mm • Closed track condylar guidance which allow upper and lower frames to remain together during excursive movements • Possible lateral adjustment 0° -30° and protrusive adjustment 0° to 75° • Progressive side shift capability • Adjustable protrusive retrusive that permits condylar element to protrude 6mm and retrude 3mm from centric • Adjustable incisal guide table that rotates anteroposteriorly (0° to 60°) with adjustable lateral wings(0° to 45°) • A locking mechanism to hold the upper and lower members of the articulator tightly together and return the upper member to centric position when released from the excursion. It should be easily released to allow separation of the upper and lower member • Should have dual end incisal pin and an extension rod to support the upper member. • Earpiece facebow with nasion attachment for third point of reference • Accessory for indirect facebow transfer preferable. • Additional pair of mounting plates • Accumount” System of Interchangeability • Mounting platform to help stabilize the bite fork during mounting of maxillary cast. • Should be supplied with a technique manual and demonstration video providing an in-depth examination of the features of the articulator and facebow . • Instrument case/bag • CE(European conformity)marking or FDA compliance 	2.
ANNEXURE-C-I, SURGICAL ITEMS			
1	Cleft Surgery Kit	Cleft Surgery Kit including following instruments Cleft Plate Rospatory (R&L) in pair) French Pattern Cleft Plate Rospatory Barsky type (R&L) in pair, Cleft Plate Rospatory Barsky type (Double Ended) Cleft Plate Rospatory Curved- up&down Mcindoe cleft plate Rasparory (Small, Medium, Big)	

		Barsky pharyngeal flap Elevator Mitchell trimmer Cleft palate knife (Triangular) Cleft palate hook (Right angle) Cleft Palate hook (Down bent) Cronin cleft plate Elevator (Small L&R) Cronin cleft plate Elevator (Medium L&R) Cronin cleft plate Elevator (Big L& R) Palate Dissector (R&L in pair) Spoon Shape Elevator- Double Ended Miller Bone file (straight) Miller Bone file (curved) Elevator Double Ended -Angled (R&L) Elevator Double Ended -Angled (Side& Flat)	
2	Crash Cart	1. Crash Cart (Indian Make)	01 each
		2. Heating Stabilising device (Deadring0 (Paed)	
		3. Head stablishing Device (adult)	
		4. Maccy's Layrigoscope	
		5. Felexo metallic tube	
		6. Tube exchanger	
		7. Magill Forcep Adult	
		8. Magill Forcep Paed	
		9. Proseal LMA	
		10. Classical LMA	
		11. Bauge	
		12. Pressure Regulator Oz	
		13. Pressure Regulator Nzo	
		14. JR Circuit	
		15. AMBU Bag Adult	
		16. AMBU Bag Paed.	
		17. Stylet Adult	
		18. Stylet Paed	

ANNEXURE-C-II, Technical Specification of Air Conditions			
S. No.	Item Name & type	Technical Specification	Qty.
1	<i>Split Ac</i>	<i>Split Ac</i> , Preferred brands: Hitachi, Voltas, Carrier <ul style="list-style-type: none"> AC Capacity 1.5/2 ton Split type 3 star rating Rotary Compressor Stabilizer Min 1 year comprehensive warranty with 5 year compressor warranty Auto restart, auto cleaning, auto swing Turbo cooling mechanism 	13

		<ul style="list-style-type: none"> • With cordless remote • Colour preferred white • Indoor unit design should be sleek and compact • Installation charges included <p>Prices should be quoted separately for 1.5 and 2 ton AC's separately in each category</p>	
2	Window Ac	<p>Window Ac ,Preferred brands: Hitachi, Voltas, Carrier</p> <ul style="list-style-type: none"> • AC Capacity 1.5/ 2 ton • 3 star rating • With rotary Compressor • 1 Year comprehensive warranty • 5 Year Compressor warranty • Turbo cooling mechanism • Auto restart, auto cleaning, , auto swing • White colour • With cordless remote • Noise level indoor up to 54 DB <p>Prices should be quoted separately for 1.5 and 2 ton AC's separately in each category</p>	21